

IN THE CLAIMS:

Please amend the claims as shown below. The claims, as pending in the subject application, now read as follows:

1. (Currently amended) An information processing apparatus for executing ~~transferring data~~ transfer of a job formed on the basis of application data to a printer via interface means, comprising:

discriminating means for discriminating a communication environment regarding the [[said]] data transfer;

cancelling method selecting means for selecting a cancelling method that is optimum to the communication environment discriminated by said discriminating means on the basis of information obtained from an apparatus information database; and

cancellation processing means for, when cancellation is instructed during the [[said]] data transfer of the job, cancelling the job transferred by the said data transfer via said interface means by the cancelling method selected by said cancelling method selecting one of a plurality of cancelling methods on the basis of said communication environment discriminated by said discriminating means.

2. (Original) An apparatus according to claim 1, wherein said cancellation processing means shifts said printer to a state where the data transfer for a subsequent print job can be normally restarted.

3. (Canceled)

4. (Currently amended) An apparatus according to claim 1, wherein said discriminating means comprises:

discriminating means for discriminating a type of said interface means by using said data transfer; print environment discriminating means for discriminating a print environment; and

said cancelling method selecting means is further configured to select for selecting the cancelling method based on the discriminated type of said interface means and the discriminated print environment, and wherein said cancellation processing means executes a cancelling process on the basis of a result of the selection by said cancelling method selecting means.

5. (Original) An apparatus according to claim 1, wherein said discriminating means comprises:

interface discriminating means for discriminating a type of said interface means which is used for said data transfer or a communicating state of said interface means; print environment discriminating means for discriminating a current set print environment; and

an apparatus information database for managing printer information for the printer on a data transfer destination side, and wherein said cancellation processing means selects the cancelling method on the basis of at least one of the discriminated type of said interface means, the discriminated communicating state of said interface means, and the discriminated print environment.

6. (Original) An apparatus according to claim 1, further comprising user interface means for displaying the plurality of cancelling methods which can be switched and selecting and instructing one of the cancelling methods, and wherein said cancellation processing means cancels said data transfer by the selected and instructed cancelling method.

7. (Original) An apparatus according to claim 1, wherein said cancelling methods include a method of transmitting a reset signal of the interface means or a method of transferring complementary data.

8. (Original) An apparatus according to claim 3, wherein said apparatus information database stores and manages information showing whether said printer has a cancelling function based on a reset signal of the interface means or not, information showing whether an initializing operation is executed upon cancellation or not when said printer has the cancelling function, or information showing a time which is needed in the case of executing the initializing operation.

9. (Original) An apparatus according to claim 6, wherein said user interface means can display a list of the current valid cancelling methods to the user and receive a selecting instruction of the user.

10. to 15. (Canceled)

16. (Currently amended) A job processing method in an information processing apparatus having transmitting means for executing transferring data transfer of a job formed on the basis of application data to a printer via interface means, comprising:

a discriminating step of discriminating a communication environment regarding said data transfer;

a cancelling method selecting step of selecting a cancelling method that is optimum to the communication environment discriminated in said discriminating step on the basis of information obtained from an apparatus information database; and

a cancellation processing step of, when cancellation is instructed during the [[said]] data transfer of the job, cancelling the job transferred by the said data transfer via said interface means by the cancelling method selected in said cancelling method selecting one of a plurality of cancelling methods on the basis of said communication environment discriminated in said discriminating step.

17. (Canceled)

18. (Currently amended) A computer-executable program stored on a computer-readable storage medium which is executed in an information processing apparatus having transmitting means for executing transferring data transfer of a job formed on the basis of application data to a printer via interface means, comprising:

a discriminating step of discriminating a communication environment regarding said data transfer;

a cancelling method selecting step of selecting a cancelling method that is optimum to the communication environment discriminated in said discriminating step on the basis of information obtained from an apparatus information database;

and

a cancellation processing step of, when cancellation is instructed during the [[said]] data transfer of the job, cancelling the job transferred by the said data transfer via said interface means by the cancelling method selected in said cancelling method selecting one of a plurality of cancelling methods on the basis of said communication environment discriminated in said discriminating step.

19. (Canceled)

20. (Currently amended) A computer-readable storage medium storing a computer-executable program for executing a job processing method in an information processing apparatus having transmitting means for executing transferring data transfer of a job formed on the basis of application data to a printer via interface means, wherein said program comprises:

a discriminating step of discriminating a communication environment regarding the [[said]] data transfer;

a cancelling method selecting step of selecting a cancelling method that is optimum to the communication environment discriminated in said discriminating step on the basis of information obtained from an apparatus information database; and

a cancellation processing step of, when cancellation is instructed during the [[said]] data transfer of the job, cancelling the job transferred by the said data transfer via said interface means by the cancelling method selected in said cancelling method selecting one of a plurality of cancelling methods on the basis of said communication environment discriminated in said discriminating step.

21. (Canceled)